

Interactive comment on “A Prequel to the Dantean Anomaly: The Water Seesaw and Droughts of 1302–1307 in Europe” by Martin Bauch et al.

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Dear colleague,

we discussed your valuable review among us authors and agreed that we can integrate almost all of your proposals to improve our text. Thank you very much for your effort and the important input.

So we will clarify key questions and provide a better outline in the introduction. We'll split up chapter 3 in methods and a new chapter 4 (results) and move the already present text blocks accordingly. Still, we would like to keep the comparisons of our results with OWDA and Campbell 2007 in the results section, as the accordance of our results and those of other colleagues is a key finding of our manuscript. Yet, we will add

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a paragraph on chapter 5 (discussions) arguing for a systematic counter-check of (at times relatively scarce) dendrochronological reconstructions with dense documentary data (wherever possible). As proposed, we'll move societal drought responses mostly to chapter 4.

We were also convinced that it is useful to add more bibliographical information on where from we took the data for the long series of blazes from and how we collected it (chapter 3).

And we found it very reasonable to put our comparative section on the 1361-62 event with examples from within and beyond Europe in the Discussion chapter 5.

With regard to the work of Manuel Barriendos (Vallvé), he is main or co-author of three titles in our bibliography and in the state of the art section, as he's a main contributor to Brázdil et al 2019, which provides the best overview on his important work on droughts, but also on the general history of drought. As rogation ceremonies are not at the core of our paper, we hope it is justified not to quote further of his certainly key publications in this part of historiography of droughts.

We hope that the paper will gain by these modifications a better, more logical structure, more adapted to publication habits in the sciences and particularly in Climate of the Past.

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